

Patent
U.S. Patent Application No. 09/919,461
Attorney's Docket No. 00-5017

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A system configured to facilitate ordering of goods or services from a vendor by a customer, comprising:
one or more base stations configured to receive an abbreviated dialing sequence that corresponds to an order from a mobile terminal used by the customer; and a processing center coupled between the one or more base stations and the vendor and configured to receive the abbreviated dialing sequence, to transmit customer information to the vendor relating to the order based on a location of the mobile terminal, and to bill a wireless account of the customer for a monetary amount of the order.

2. (original) The system of claim 1, wherein the customer information transmitted to the vendor includes:
an account number of the wireless account or an identification number of the mobile terminal, and
the abbreviated dialing sequence.

3. (original) The system of claim 1, wherein the processing center includes:
a database containing preferences of the customer for at least one vendor, and
wherein the customer information transmitted to the vendor includes:

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the customer's wireless account number or an identification number of
the customer's mobile terminal, and
information designating the order obtained from the database.

4. (original) The system of claim 1, further comprising:
one or more signs that provide a name or logo of the vendor and the
abbreviated dialing sequence corresponding to the vendor.
5. (original) The system of claim 1, wherein the one or more base stations and
the processing center are configured to determine a location of the mobile terminal used by
the customer.
6. (canceled)
7. (original) The system of claim 1, wherein the vendor is a restaurant and the
customer is a motorist.
8. (original) A method of providing abbreviated dialing service, comprising:
receiving, at an abbreviated dialing processing center, an abbreviated dialing
sequence that corresponds to an order from a mobile terminal operated by a customer;
determining a location of the mobile terminal; and

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processing the abbreviated dialing sequence and sending customer information to a vendor based on the location of the mobile terminal.

9. (original) The method of claim 8, wherein said processing the abbreviated dialing sequence and sending customer information includes:

sending a wireless account number of the customer or an identification number of the mobile terminal, and

sending the abbreviated dialing sequence.

10. (original) The method of claim 8, further comprising:

storing order preferences of the customer, and

wherein said processing the abbreviated dialing sequence and sending customer information includes:

sending a wireless account number of the customer or an identification number of the mobile terminal,

obtaining information designating the order from the stored preferences, and

sending the information designating the order.

11. (original) The method of claim 8, wherein said processing the abbreviated dialing sequence and sending customer information includes:

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identifying a vendor that is most convenient to the customer based on the determined location of the mobile terminal, and sending the customer information to the identified vendor.

12. (original) The method of claim 8, wherein said determining includes:
receiving a unique abbreviated dialing sequence, and
inferring the location of the mobile terminal based the received unique abbreviated dialing sequence.
13. (original) The method of claim 8, said determining includes:
calculating the location of the mobile terminal based on signal information received at one or more base stations.
14. (original) The method of claim 13, wherein the signal information includes one of time delay information and global positioning system (GPS) information.
15. (original) The method of claim 8, further comprising:
billing a wireless account of the customer for a monetary amount of the order.
16. (original) The method of claim 8, further comprising:

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billing a credit or debit card of the customer for a monetary amount of the order.

17. (currently amended) A method of fulfilling an order from a customer by a vendor, the order being initiated on a mobile terminal before the customer arrives at the vendor, comprising:

receiving abbreviated dialing information at the vendor, the abbreviated dialing information being received at the vendor based on a location of the mobile terminal;
selecting a particular order from the abbreviated dialing information;
preparing the particular order; and
providing the particular order to the customer when the customer arrives.

18. (original) The method of claim 17, further comprising:

obtaining customer preferences from the customer; and
storing the customer preferences.

19. (original) The method of claim 18, wherein the customer preferences include at least one default order.

20. (original) The method of claim 17, wherein said receiving includes:

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receiving a wireless account number of the customer or an identification number of the mobile terminal, and

receiving an abbreviated dialing sequence.

21. (original) The method of claim 17, further comprising:
charging a wireless account of the customer for a monetary amount of the order.
22. (original) The method of claim 17, further comprising:
charging a credit or debit card of the customer for a monetary amount of the order.
23. (original) The method of claim 17, wherein said selecting includes:
selecting a particular order based on the abbreviated dialing information and stored customer preferences.
24. (original) A method of supplying abbreviated dialing service to a vendor, comprising:
designating one or more unique abbreviated dialing sequences for the vendor to facilitate remote ordering by customers of the vendor;
receiving the one or more unique abbreviated dialing sequences;

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determining locations of mobile terminals that initiated the received one or more unique abbreviated dialing sequences; and
sending customer information to one or more locations of the vendor based on the determined locations.

25. (original) The method of claim 24, further comprising:
entering into an agreement with the vendor to provide the abbreviated dialing service to the vendor.
26. (original) The method of claim 25, further comprising:
collecting revenue from the vendor according to the agreement.
27. (original) The method of claim 24, further comprising:
charging wireless accounts of the customers for monetary amounts of orders placed by the customers.
28. (original) A system configured to facilitate ordering of goods or services from a vendor by a customer, comprising:
means for receiving an abbreviated dialing sequence that corresponds to an order from a mobile terminal used by the customer;

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means for determining a location of the mobile terminal used by the customer;
and

means for transmitting customer information relating to the order to the vendor
based on the determined location of the mobile terminal.

29. (original) The system of claim 28, further comprising:

means for billing a wireless account of the customer for a monetary amount of
the order.

30. (original) A method of providing goods or services to a customer, comprising:

establishing an account for the customer;

obtaining ordering preferences from the customer;

associating the ordering preferences with abbreviated dialing codes;

receiving an abbreviated dialing code from the customer; and

delivering the goods or services to the customer according to the ordering
preferences and the received abbreviated dialing code.

31. (original) The method of claim 30, further comprising:

advising the customer of the abbreviated dialing codes associated with the
ordering preferences.

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32. (original) The method of claim 30, wherein said obtaining includes:
acquiring a preferred manner of payment from the customer.